

ABSTRACT

A method for controlling the transmission of data via data connections associated with different applications, by means of a transmission medium in a local network having at least two stations for data transmission. Different priorities and different parameters characterizing a quality of service are associated with the applications. The establishment, by a first station, of a new data connection associated with a first application is limited according to the available free channel capacity of the transmission medium and the use of the transmission medium by existing data connections having associated applications containing a priority corresponding to the first application.

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